

L 47168-66 EWP(m)/EWP(k)/EWP(t)/ETI JP

ACC NR: AR6000433

SOURCE CODE: UR/0137/65/000/009/VOL4/VOL4

AUTHORS: Shved, F. I.; Snirnov, Yu. D.; Khasin, O. A.

25

TITLE: Segregation defects in ingots of arc vacuum smelting

B

SOURCE: Ref. zh. Metallurgiya, Abs. 9V302

REF SOURCE: Sb. Teoriya i praktika metallurgiya. Vyp. 7. Chelyabinsk, 1964, 59-68

TOPIC TAGS: arc furnace, vacuum arc furnace, metal melting

ABSTRACT: On the basis of literature and experimental data, an explanation is given for the appearance of segregation defects in ingots derived from vacuum arc smelting. The degree of dendritic segregation in one or the other ingot zone depends on the conditions of liquid metal supply to the 2-phase region. During worsening of feeding, the dendritic inhomogeneity may increase. After decrease of power during arc melting, the width and branching of the 2-phase region rapidly increases and the metal supply to the depths of this region is interrupted. In different regions of 2-phase, different conditions arise, giving rise to heterogeneity. During the formation process of different heterogeneity forms, an important role is played by shrinkage displacements of the enriched liquid of the 2-phase region which are determined by the character and extent of the 2-phase zone, feeding conditions, magnitude of alloy shrinkage, as well as the liquid metal composition of the 2-phase

Card 1/2

UDC: 669.18-412:621.746.6.001

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ACC NR: AR6000433

zone. For segregation of nonaxial heterogeneity, the smelting of a metal that tends towards segregation must be carried out at minimum current strength. It is necessary to program the electric current strength which insures the maintenance of a maximum possible temperature gradient in a liquid vat during the whole smelting process. 5 illustrations. D. Kashayeva [Translation of abstract]

SUB CODE: 11

Card 2/2

blz

KHASIN, G.B.

Nets of the first type. Vest. Mosk. un. Ser. 1: Mat., mekh. 20
no.4:52-56. JI-Ag '65. (MIRA 18:9)

1. Kafedra differentsial'noy geometrii Moskovskogo gosudarstvennogo
universiteta imeni M.V. Lomonosova.

KHASIN, G.B.

Stratifiable congruences of the axes of focal congruences. Vest.
Mosk. un. Ser. 1: Mat., mekh. 19 no.2:23-29 Mr-Apr '64.

(MIRA 17:3)

1. Kafedra differentsial'noy geometrii Moskovskogo universiteta.

KHASIN, G.B.

Successive Laplace transformations with stratifiable congruences
of the axes. Dokl.AN SSSR 145 no.6:1235-1238 Ag '62.

(MIRA 15:8)

1. Predstavleno akademikom P.S.Aleksandrovym.
(Laplace transformation)

KHASIN, G.B.

R nets with fibrous congruences of the axes. Dokl. AN SSSR 150
no.1:54-57 My '63. (MIRA 16:6)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.
Predstavleno akademikom P.S.Novikovym.
(Congruences and residues)

L 15537-63

EWB(q)/EWI(m)/BDS

APFTC/ASD

10

production of new hot-forming steel

101

USSR/Chemistry - Miscellaneous

FD-2534

Card 1/1 Pub. 50 - 13/14

Authors : I. F-t; A. S.; Reshetov, N. P.; Khasin, L.; S. K.; G. K.

Title : News items

Periodical : Khim. prom. No 4, 248-254, Jun 1955

Abstract : Contains items dealing with a branch conference of workers of the
dyestuff industry held at Moscow in June 1955; party-economic
"active" meetings at enterprises of the Main Administration of the
Chemical Industry; a labor union-economic "active" meeting at the
Ministry of Chemical Industry; improvements introduced by driller
A. V. Dolinskiy at a potassium mine; chemical exhibits at the All-
Union Agricultural Exposition; and a technical meeting in Leningrad
at which the production of control appliances to be used in the
rubber industry was discussed.

KHASIN, L.

Research and practice conference of health resort specialists,
neuropathologists, and physical therapists. Zdrav. Bel. 7
no. 2:69-70 F '61. (MIRA 14:2)
(PHYSICAL THERAPY--CONGRESSES)

KHASIN, L.

Selecting patients for sanatorium and spa treatment. Zdrav. Bel. 7
no.6:21-23 Je '61. (MIRA 15:2)
(HEALTH RESORTS, WATERING PLACES, ETC.)
(SANATORIUMS)

I 11544-66 EWT(d)/EWP(e)/EWT(m)/EWP(v)/T/EWP(k)/EWP(A)/EWP(B)

Memelov, V. L., Khasin, L. A., Khasin, E. I.

ORG. All-Union Scientific Research Institute for Electromechanics (Vsesoyuznyy nauchnoissledovatel'skiy Institut elektromekhaniki)

TITLE. Device for testing abrasive materials under vacuum

SOURCE: Zavodskaya laboratoriya, v. 31, no. 12, 1965, 1528-1530

TOPIC TAGS: friction coefficient, friction, solid mechanics, abrasive, solid mechanical property *dynamic laboratory instrument, vacuum*

ABSTRACT: A device (see fig. 1) was developed for continuous measuring of friction coefficient and temperature (150-500°C) of samples of abrasive materials during their friction under vacuum (10^{-7} mm Hg), in air and other media. The friction coefficient f as a function of the deflection angle α is determined from the formula

$$f = LF/P \cdot r$$

where L is a lever of the pivot axis, F is the weight of the calibration load, P is the load applied and r is the friction radius.

UDC: 620.178.16 : 1.05

Card 1/2

L 11544-66

ACC NR: AP6000186

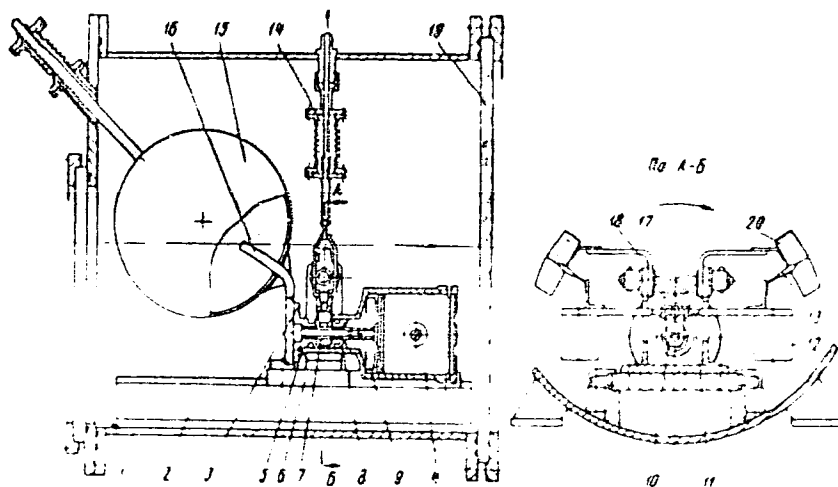


Fig. 1. 1--vacuum box; 2--directional guide; 3--friction disc; 4--driving mechanism; 5--housing; 6--plate; 7--assay bushing; 8--shaft; 9--union; 10--race; 11--beam; 12--rod; 13--arm; 14--release device; 15--copper container; 16--copper wire; 17--spring; 18--arresting device; 19--window; 20--dial.

Orig. art. has: 2 figures.

SUB CODE: 11,14/ SUBM DATE: 00/ ORIG REF: 000/ OTH REF: 004

Card 2/2 NW

KHASIN, M.

Great problems. Prof.-tekh. obr 20 no. 523-4 My '63.

(MIRA 16:7)

1. Nachal'nik upravleniya professional'no-tekhnicheskogo
obrazovaniya Ministerstva vysshego, srednego spetsial'nogo i
professional'nogo obrazovaniya BSSR.

(White Russia--Vocational education)

Khasin, M. F.

AID P - 3942

Subject : USSR/Hydr Eng.

Card 1/1 Pub. 35 - 6/19

Authors : Kotul'skiy, V. V. and M. F. Khasin, Engs.

Title : Lowering ground water level in the lock foundation
pit of the Novosibirsk Hydro-Power Development.

Periodical : Gidr. stroi., 7, 20-22, 1955

Abstract : The authors report on the construction of the lock
pit and the pumping equipment used. Certain precau-
tions necessitated by the -40°C temperatures are
described. Two diagrams.

Institution : None

Submitted : No date

KHASIN, M.F.

Some possibilities of lowering the cost of lowering the water level.
Osn., fund. 1 mekh grun. 5 no.2:17-19 '63. (MIRA 16:3)
(Water, Underground)

MAKIN, M. I. Docent. ; ROVIN, S. I.

"The Treatment of Early Forms of Syphilis with a Suspension of Penicillin
in Ointment."

Vestnik venerologii i dermatologii (Bulletin of Venereology and Dermatology),
No 1, January-February 1954, (Moscow), Moscow.

GEYLUR, L.I., mayor meditsinskoy sluzhby; KHASIN, M.I.

Comparative rating of different methods for examining gastric
secretion. Voen.-med.zhur. no.4:80 Ap '60. (MIRA 14:1)
(STOMACH--SECRETIONS)

SOKOLOV, V.F.; KHASIN, M.Ya.

New devices for the disinfection of water by bactericidal rays.

Nauch. trudy AKKH no.22:60-70 '63.

(MIRA 18:5)

GRACHEV, M.V.; KHASIN, N.V.

Rational use of raw material in flax spinning. Tekst.prom. 16
no.9:20-23 S '56. (MLRA 9:12)
(Flax) (Spinning)

MARINOV, N. A. and KHASIN, R. A.

"New Data on the Permian Strata of the Eastern Part of the Mongolian People's Republic," Dok. AN, 58, No. 2, 1947

ASHIN, R. A.

PA 26/49153

USSR/Geological Prospecting Tungsten	Jan 49
"The Zonality of the Isomorphous Series Ferberite-Huebnerite in Tungsten Deposits," R. A. Khasin, 3 pp (197-199)	
"Dok Ak Nauk SSSR" Vol LXIV, No 1 .	
This study of wolframites obtained from series of deposits establishes the extreme importance of the isomorphous ferberite-huebnerite series for determining temperature conditions necessary for ore-formation processes. Concludes that the chemical composition of various deposits of	26/49153
USSR/Geological Prospecting (Contd) tungsten ores in one province may hold the key to establishing the depth of the mineraliza- tion zone. Submitted 9 Mar 48.	Jan 49
RAB	26/49153

MARINOV, N.A.; KHASIN, R.A.

Some problems of the geomorphology of eastern Mongolia. Vop.geog. no.35:
253-259 '54. (MIRA 7:12)

(MLRA 7:12)

(Mongolia--Physical geography)

AUTHOR: Khasin, R.A. SOV-11-58-10-10/12

TITLE: About the Book by N.A. Marinov, "The Stratigraphy of the Mongolian People's Republic" and about the Geological Map of the Mongolian People's Republic to the Scale 1 : 2,500,000 (O knige N.A. Marina "Stratigrafiya Mongol'skoy narodnoy respubliki" i o geologicheskoy karte Mongol'skoy narodnoy respubliki mashtaba 1 : 2,500,000)

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1958, Nr 10, pp 110 - 113 (USSR)

ABSTRACT: This is a review of the above-mentioned book.

1. Geology--USSR

Card 1/1

KALENOV, A.D.; KHASIN, R.A.

Age and some characteristics of the distribution of fluorine mineralization in eastern Mongolia. Sov. geol. 8 no.4:36-48 Ap '65. (MIRA 18:7)

KHASIN, R.A.; KALENOV, I.D.

Characteristics of the distribution of Fluorite mineralization
in eastern Mongolia. Dokl. AN SSSR 184 no.6:1386-1387 C '65.

(MIRA 18:19)

1. Submitted March 25, 1965.

KHASIN, R.A.; KHRAPOV, A.A.

New ultrabasic belts of southern Mongolia. Dokl. AN SSSR
165 no.4:907-910 D '65. (MIRA 18:12)

1. Submitted June 21, 1965.

KHASIN, Ya.I.; GUTOROV, A.F.

Treatment of gonorrhea in males. Vest. dermat. i ven. 38 no.10:
71-72 0 '64. (MIRA 18:7)

1. Novosibirskiy gorodskoy kozhno-venereologicheskii dispensar
(glavnyy vrach A.M. Izmaylova; nauchnyy rukovoditel' - prof.
A.K. Yakubson).

ROMANOV, V.F., kand.tekhn.nauk; KRINZBERG, TS.Z., inzh.; KHASIN, Ya.M., inzh.

New technological process for finishing spur-gear teeth. Vest.
 mashinostr. 44 no.1:44-50 Ja '64. (MIRA 17:4)

KHASIN, Ye.T., tokar'

Boring tool equipped with mechanically fastened ceramic bits.
Mash.Bel. no.5:155 '58. (MIRA 12:11)

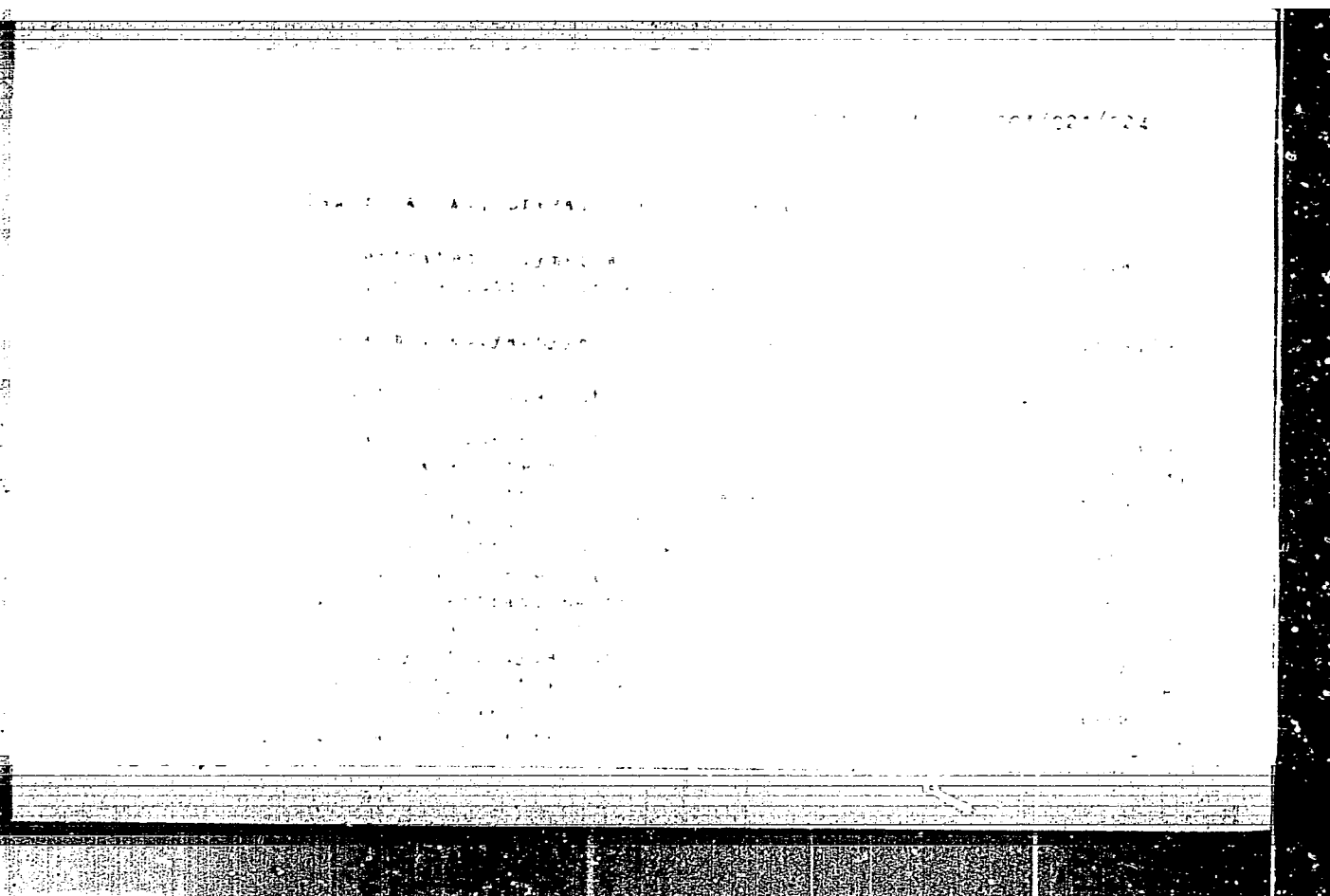
1. Zavod "Gomsel'mash."
(Metal-cutting tools)

GUNIYA, A.L.; GAMKRELIDZE, S.P., red.; KHASINA, B.A., red.;
SARKISYAN, L.N., red. izd-va; KONDRATENKO, N.V., red.
izd-va; DZHAPARIDZE, N.A., tekhn. red.

[Replacement of the labor force in the industry of the
Georgian S.S.R.] Vosproizvodstvo rabochei sily v promyshlen-
nosti Gruzinskoi SSR. Tbilisi, Izd-vo Akad. nauk Gruzinskoi
SSR, 1961. 522 p. (MIRA 15:4)
(Georgia--Labor supply)

LEVCHENKO, B.L., inzh.; NEKHENDZI, Ye.Yu., inzh.; ROMANCHIK, K.K.,
inzh.; KHASINA, E.A., inzh.

Study of tightening stresses in turbine pins using high-
temperature tensiometers. Energomashinostroenie 10 no.5:37-
39 My '64. (MIRA 17:8)



"APPROVED FOR RELEASE: 09/17/2001

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APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721910009-2"

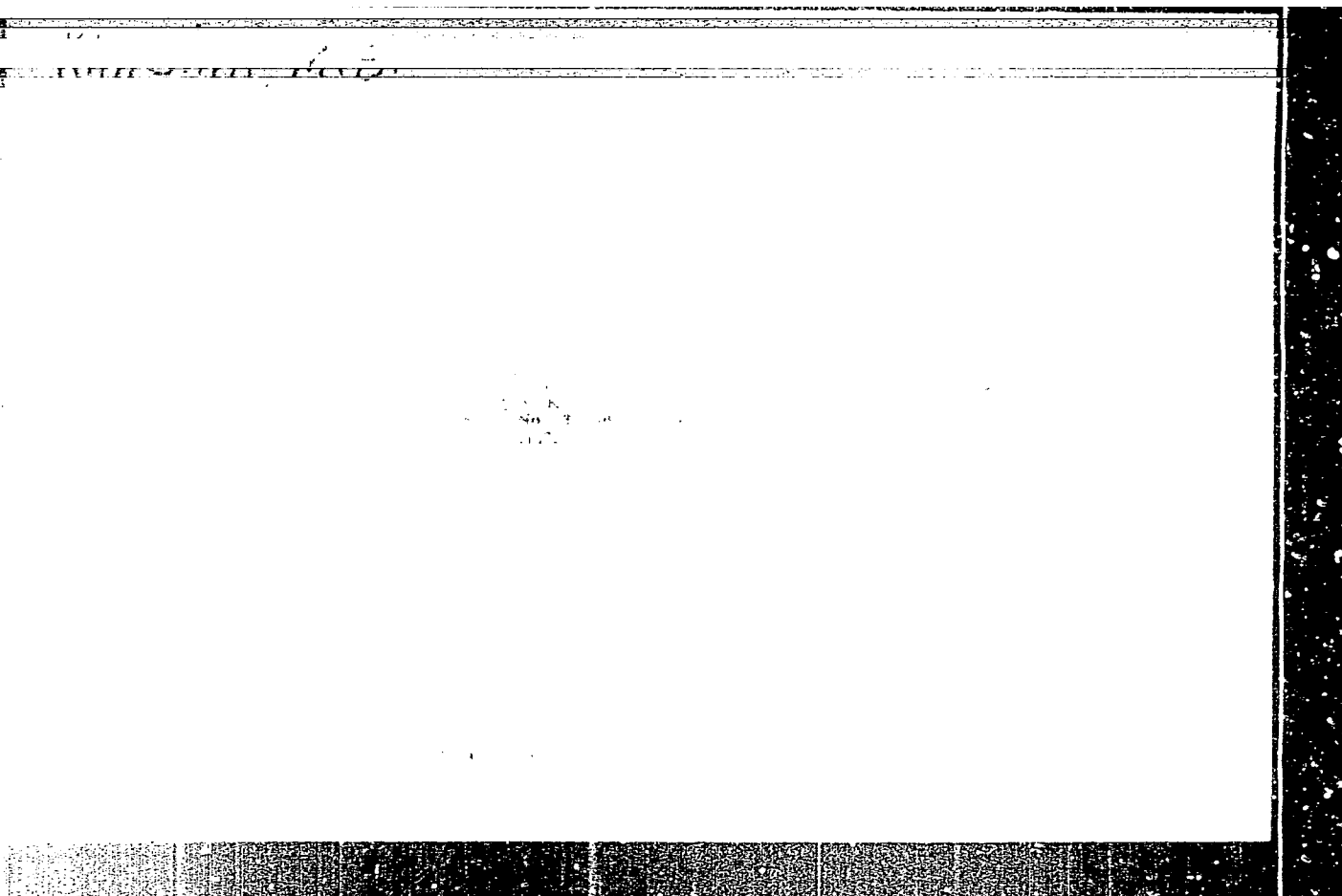
SOKOLOV-KOCHEGAROV, A.S.; KHASINA, G.I.; NEMKOV, G.I.

First find of Upper Senonian orbitoids in the Tajic Depression and its stratigraphic importance. Izv.vys.ucheb.zav.; geol.i razv. 5 no.9:138-140 S '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut neftyanykh i gazovykh mestorozhdeniy i Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze.
(Tajic Depression--Foraminifera, Fossil)

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APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721910009-2"

1975

Authors: Kholovapov, K. M.; Kolli, Ya. N.; and Khasina, M. N.

Title: Rotation of a cm-wave polarization surface with a ferrite film

Source: Sov. Ak. Nauk. Ser. fiz. 18,3, 350-354, May-Jun 1974

Abstract: The rotations of a cm-wave polarization surface with Ni-Zn-ferrite were

measured experimentally as a function of the thickness of the ferrite film

and the frequency of the wave. The results are compared with the theoretical

calculations. It is shown that the rotation of the polarization surface

is proportional to the thickness of the ferrite film and to the square of the

frequency of the wave. The experimental results are in good agreement with the

theoretical calculations. The results are also compared with the results of

other authors. The results show that the rotation of the polarization surface

is a sensitive method for measuring the thickness of the ferrite film.

Institution : The V. M. Molotov Electrical Engineering Institute, Moscow

Submitted : May 16, 1954

KHASINA, 1/6

24(7)

PLATE I BOOK EXPLORATION

Shov. Universitet

Materials of the 10th All-Union Conference on Spectroscopy, 1956.
 1. In Atomic Spectroscopy (Materials of the 10th All-Union Conference on Spectroscopy, 1956, Vol. 2: Atomic Spectroscopy) (Moscow: Izdatvo Leningradskogo univ., 1958, 568 p. (Series: Its: Fizicheskii sbornik, vyp. 4(9)), 3,000 copies printed.

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii.

Editorial Board: G.S. Landsberg, Academician, (Resp. Ed.); B.S. Repent, Doctor of Physical and Mathematical Sciences; L.L. Fabelinsky, Doctor of Physical and Mathematical Sciences; V.A. Furikant, Doctor of Physical and Mathematical Sciences; V.G. Kuritsky, Candidate of Physical Sciences; L.K. Klimovskaya, Candidate of Physical and Mathematical Sciences; V.S. Milyanchuk (Responsible), Doctor of Physical and Mathematical Sciences; G. Shvachkin, Doctor of Physical and Mathematical Sciences; M.I. G.L. Gaser, Tech. Ed.; T.V. Saranyuk.

Function: This book is intended for scientists and researchers in the field of spectroscopy, as well as for technical personnel using spectrum analysis in various industries.

CONTENTS: This volume contains 177 scientific and technical studies of atomic spectroscopy presented at the 10th All-Union Conference on Spectroscopy in 1956. The studies were carried out by members of scientific and technical institutes and individuals. The volume contains a large number of bibliographies of Soviet and other sources. The studies cover many phases of spectroscopy: spectral analysis of rare earths, electromagnetic radiation, physical chemistry of gas discharge, arc and spectrum, physical chemistry of metal vapors, optical and spectroscopic methods for quantitative spectrum analysis, the theory of normal dispersion in metal vapors, analysis of metals and alloys, spectral determination of the hydrogen content of metals by means of isotopes, tables, and analysis of spectral lines, spark spectrographic analysis, statistical study of variation in the parameters of calibration curves, determination of traces of metals, spectrum analysis in metallurgy, thermochemistry in metallurgy, and principles and practice of spectrochemical analysis.

Card 2/31

Materials of the 10th All-Union Conference (Cont.) 307/1700
 Kuratov, A.A., and M.P. Mukha. Spectral Method for the Analysis of Gold of High Purity by the Absolute Intensities of the Analytical Lines 321
 Babintsev, B.D. Operating Experience of the Spectral Laboratory of the "Tuzhurainik" Combine 322
 Ginzburg, V.L. Spectrum Analysis of Cobalt 323
 Titushkina, I.M. Spectrum Analysis of Nickel With the Aid of Cast Electrodes Under Spark Conditions of the DG-1 Generator 326
 Yevlamin, L.S., and Ye.Y. Koptsova. Some Practical Methods for the Spectrum Analysis of Bronze Containing Tin 329
 Asarov, L.G., and T.Y. Khaleev. Spectrum Analysis of Al - Zn, Al - Cu, and Al - Fe Hardeners 332
 Farsov, M.Ya., Ye.Ya. Zitelovskii, and Ye.A. Poshko. Spectral Method for the Determination of Sodium and Calcium Content in Fe Babbitt 334
 Card 24/31

KHASINA, T. V.

SOV/81-59-19-67725

Translation from: Referativnyy zhurnal. Khimiya, 1959, Nr 19, p 125 (USSR)

AUTHORS: Azarova, L.G., Khasina, T.V.

TITLE: The Spectral Analysis of the Al-Mn, Al-Cu, Al-Be Alloys

PERIODICAL: Fiz. sb. L'vovsk. un-t, 1958, Nr 4(9), pp 432 - 434

ABSTRACT: For the determination of Mn, Si, Fe and Cu in the Al-Mn alloy and of Cu, Si, Fe in the Al-Cu alloy the spectra are excited in the discharge of a high-voltage condensed spark from a generator operating in a simple circuit and are recorded on a medium-sized quartz spectrograph with a 3-stage clearing agent mounted on the slit. In the case of analysis of Al-Be alloy the spectra are excited in the discharge of a low-voltage spark at a capacitance of 20 μ farad; Zn, Fe, Si and Be are determined. A satisfactory agreement between the results of chemical and spectral analysis has been noted.

G. Kibisov ✓

Card 1/1

TOPCHINOV, A.V.; YEGOROVA, G.M.; BRAUNO, Ya.Ye.; KHASINEVICH, S.S.

Esters of naphthenic acids with ethylene glycol. Trudy MNI
no.23:3-8 '58. (MIRA 12:1)
(Naphthenic acids) (Ethylene glycol)

KHASIS, A.L. (Kuybyshev)

Mitchell's problem and the line of the centers of flexure. Izv.AN
SSSR. Otd.tekh.nauk.Mekh.i mashinostr. no.5:58-65 '60. (MIRA 13:9)
(Elasticity)

KHASIS, A.L. (Kuybyshev)

Stressed state in a prismatic rod subjected to the action of a
lateral polynomial load. Izv.AN SSSR.Otd.tekh.nauk.Mekh.i mash-
inostr. no.6:140-147 N-D '61. (MIRA 14:11)
(Elastic rods and wires)

KHASIS, G.L.

Blood transfusion and administration of medicinal solutions through the bone marrow. Klin.med. Moskva 28 no.5:21-24 May 50. (CLML 19:4)

1. Of the Hospital Therapeutic Clininc (Director --- Honored Worker in Science Prof. A.G.Teregulov), Kazan' State Medical Institute, Kazan'.

KHAS IS, G.L.

Clinical aspects of tick encephalitis. Zh. nevropat. psikiat., Moskva
52 no. 6:55-57 June 1952.
(CML 23:3)

1. Candidate Medical Sciences.

KHASIS, G.L., kandidat meditsinskikh nauk

Result of analysis* of errors of polyclinical diagnosis. Sov. zdav.
13 no.3:27-33 My-Je '54. (MLRA 7:8)

1. Iz Bugul'minskoy gorodskoy bol'nitsy (glavnyy vrach G.G.Kovalenko)
i kafedry organizatsii zdavookhraneniya (zav. prof. Ye.M.Barkman)
Kazanskogo insituta usovershenstvovaniya vrachey.
(DIAGNOSIS,

*errors, result of analysis)

KHASIS, G.J.

Poliomyelitic form of tick-borne encephalitis. Zhur.nevr.i psikh.
54 no.3:224-226 Mr '54. (MLRA 7:4)

1. Klinika nervnykh bolezney Kazanskogo meditsinskogo instituta.
(Brain--Inflammation) (Poliomyelitis)

EXCERPTA MEDICA Sec 8 Vol 9/7 Neurology July 56

2891. KHASIS G.L. "The study of tick encephalitis in conditions of a rural area (Russian text) SOVETSK.MED, 1955, 6 (50-55)

An endemic focus of tick encephalitis where the predominant species of Ixodes persulcatus, the vector of the disease, is in abundance in spring and summer months, is described. The populated area is located in proximity to the tick-infested forest and is exposed to tick attacks. The incubation period of tick encephalitis is 5 days to 4 weeks. Intense occipital headache, high fever lasting from 3 to 15 days, nausea, vomiting and pains in extremities are the early symptoms. In addition, the face is flushed, the patient showing photophobia. Rigidity of the neck and Kernig and Brudzinski symptoms were recorded in a number of cases. The CSF was clear in all cases observed. Only sporadic cases of death were recorded during the period 1949-1954. Angistein - Galveston, Tex. (XX, 8, 6)

Iz. Buzhinskoy Gorkovoy Bolnitsy i Kazanskogo Nauchno-Issledovatel'skogo Instituta Vaksyn i Sывороток.

KHASIS, G.L., kandidat meditsinskikh nauk.; SIGAL, Ye.S. (Burul'ma)

In vivo diagnosis of dissecting aortic aneurysm. Klin. med. 34
no.1:79-81 Ja '56 (MLBA 9:5)

1. Iz terapevticheskogo otdeleniya (zav.G.L. Khasis) Bugul'minskoy
gorodskoy bol'nitsy.

(AORTIC ANEURYSMS

dissecting, diag. during lifetime)

KHASIS, G.L., kandidat meditsinskikh nauk (Bugul'ma)

Diagnosis of atypical forms of acute leucosis. Klin.med. 34 no.7:
92 J1 '56. (MIRA 9:10)
(LEUCOSIS)

KHASIS, G.L.

History of the studies on tick-borne encephalitis. Zhur.nevr. i
psikh. 56 no.5:401-403 '56. (MLRA 9:8)

1. Iz kliniki nervnykh bolezney (dir. - prof. L.I.Omorokov)
Kazanskogo meditsinskogo instituta.
(ENCEPHALITIS, EPIDEMIC, transmission
ticks, hist. of studies)

KHASIS, G.L., kandidat meditsinskikh nauk

Diagnosis and treatment of adhesive pericarditis. Sov.med. 21 no.1:
100-102 Ja '57. (MLRA 10:6)

1. Iz terapevticheskogo otdeleniya. Bugul'minskoy gorodskoy
bol'nitsy.

(PERICARDITIS, ADHESIVE
diag. & surg.)

EXCERPTA MEDICA Sec 13 Vol 13/5 Dermatology May 59

1168. CLINICAL ASPECTS OF ACUTE DISSEMINATED LUPUS ERYTHEMATOSUS (Russian text) - Sigal E. S. and Khasis G. I., - SOV. MED. 1957, 2/5 (154-155)

A case in a 16-year-old girl is described. First a butterfly, pinkish red facial lesion developed, the patches being infiltrated in places and scaly. A diagnosis of discoid lupus erythematosus was made. After some time generalized oedema, pyrexia and arterial hypertension due to the involvement of internal organs developed. The skin lesions spread beyond the face and forehead. The clinical course became stormy with short-lived improvements and general downhill course. Continuous progression of the visceral lesions was clinically manifest. Antibacterial, cardiotonic and other measures remained ineffective and the patient died. (S)

*2- go therapy dept, Bugul'minskoy
gorodsk. bol'nitsy*

(Bugul'ma - Tatar SSR)

KHASIS, G.L., kand.med.nauk (Bugul'ma)

Epidemiology and clinical picture of Kozhenikov's epilepsy.

Klin.med. 36 no.6:72-76 Je '58

(MIRA 11:7)

1. Iz Bugul'minskoy gorodskoy bol'nitsy (glavnyy vrach Ya.G. Pavlukhin, nauchnyy rukovoditel' - prof. L.I. Omorokov).

(EPILEPSY,

continuous (Rus))

KHASIS, G.L., kand.med.nauk (Orenburg)

Nosological independence of biphasic viral meningoencephalitis. Klin.
med. 37 no.9:38-46 S '59. (MIRA 12:12)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. V.A. Simagina) i
kafedry nervnykh bolezney (zav. - prof. E.I. Yeselevich) Orenburg-
skogo meditsinskogo instituta.
(ENCEPHALITIS, EPIDEMIC)

KHASIS, G.L.; SIGAL, Ye.S.

Clinical aspects of rheumatic thrombovasculitis. Terap. arkh. 32
no. 2:24-30 F '60. (MIRA 14:1)
(THROMBOSIS) (RHEUMATIC HEART DISEASE)

KHASIS, G.L.

Clinical aspects of cold hemolytic disease. Klin.med. 38
no.7:153-154 '60.

(ANEMIA)

(MIRA 13:12)

KHASIS, G.L., kand.med.nauk

Tick-borne encephalitis in the Tatar A.S.S.R. (1949-1957). Kaz. med.
zhur. no.6:47-49 N-D '61. (MIRA 15:2)

1. Kafedra fakul'tetskoy terapii (zav. - prof. V.A.Simagina) Orenburg-
skogo meditsinskogo instituta i kafedra nervnykh bolezney (zav. - prof.
L.I.Omorokov) Kazanskogo meditsinskogo instituta.
(TATAR A.S.S.R.—ENCEPHALITIS)
(TICKS AS CARRIERS OF DISEASE)

KHASIS, G.L., kand.med.nauk

Problem of tick encephalitis from the therapist's position.

Terap.arkh. no.6:75-84 '61.

(MIRA 15:1)

1. Iz kafedry fakul'tetskoy terapii (zav. - prof. V.A. Simagina)
Orenburgskogo meditsinskogo instituta.

(ENCEPHALITIS) (TICKS AS CARRIERS OF DISEASE)

KHASIS, Grigoriy L'vovich, dots.; KAGANOV, A.L., dots., red.;
TITOVA, A.M., ved. red.

[Emergency treatment of internal diseases and acute poisonings; a reference manual for practicing doctors and students of medicine] Neotlozhnaia terapiia vnutrennikh zabolevanii i ostrykh otravlenii; spravochnoe rukovodstvo dlia prakticheskikh vrachei i studentov-medikov. Kemerovo, Kemerovskoe knizhnoe izd-vo, 1965. 250 p. (MIRA 18:8)

KHASIYEV, T.M., inzh.

Thermal calculations for a milk pasteurizer. Trakt. i sel'khoz mash.
33 no.12:25-26 D '63. (MIRA 17:2)

1. Vsesoyuznyy sel'skokhozyaystvennyy institut zaochnogo obrazovaniya.

WILK, WIR, FATH, ... 1112
AP5095522

Isayeva, S. A., Zelikman, A. N. ...

... of the conditions for the unsealing of primary gallium concentrate by ...
... temperatures and pressures

... khimicheskiy zhurnal ...

... primary gallium concentrate. ...
... aluminum oxide, bauxite ...

The authors sought technology ...
... primary gallium concentrate ... bauxite
... for the recovery of gallium and aluminum ...
... were conducted in an autoclave ... instead of
... A concentrate obtained and ... as the
... It contained (in %): 31.8 Al₂O₃, ...
... the concentrate, the aluminum ...
... the aluminum oxide was replaced ...
... significant effect on ...
... ratio of ... Ratios

0000000522

... and maximum ...
 ... of gallium than of aluminum ...
 ... yielded 97% Ga_2O_3 and 100% ...
 ... in the solution could be ...
 ... However, the maximal ...
 ... treating the concentrate at these higher ...
 ... precipitated which separated easily ...
 ... in the calcium-aluminate ...
 ... presented definite advantages ...

No more

...

FNCL: 00

...

MM

...

OTHER: 001

REF: AP5007528

S/0316-44 1974 1/

Liyeza, S. A.; Zelikman, A. N.; Ivanova, S. 1974

Hydrolytic decomposition of sodium gallium carbonate and sodium aluminum

Stavzhanskiy khimicheskii zhurnal, no. 11, 1974, p. 1712

Sodium gallium carbonate, sodium aluminum carbonate, carbonate hydrolytic
genous equilibrium

The authors studied the heterogeneous equilibrium in the systems sodium carbonate-water and sodium aluminum carbonate-water over a wide temperature range (25-325C and 25-250C, respectively). A study showed that the composition of the study had the composition $\text{Na}_2\text{CO}_3 \cdot \text{Ga}_2(\text{CO}_3)_3$ and $\text{Na}_2\text{O} \cdot \text{Al}_2\text{O}_3$. A comparison of the hydrolysis of the two compounds at 25C showed that the gallium aluminum carbonate complex is more stable than the gallium carbonate. It is slowly decomposed by water at this temperature. A study of the decomposition of sodium gallium carbonate in water at 25C led to the determination of three possible steps of the reaction mechanism, and to the de-

NR: AP50C7528

of the rate constant and order of the reaction. It was found that at high temperatures, the decomposition process consists of a more complex reaction. X-ray diffraction and infrared spectroscopy were used to determine equilibrium solid phases. Orig. art. has 5 figures and 5 formulas.

None

50

ENCL: 00

SUB CODE: IC

12

OTHER: 00

REF ID: A6610302

Author: A. N. Ivanova, R. V. Khas'eva

Thermal decomposition of gallium sesquioxide at low and high temperatures

1988, *Book Reviews*, v. 20, no. 12, p. 116.

1. Returning gallium - about 100 g.

the solution is artificial and most bacteria are destroyed by heating the solution to 100°C. and temperatures up to 250°C. A precipitate of primary carbonates takes place at 200-210°C. and the solution is cooled to 95-100°C. the recovery of aluminum is 90-95%. This precipitation of primary gallium concentrates with water instead of the usual organic solvents. The advantages of this process are: 1. The composition produces precipitates of high purity. 2. The solution is recovered as the end product of the process. 3. The process is simple and has 3 figures and 2 tables.

SECRET

1. Document khimii AR Azerbaidzhan (in Russian) (in Azerbaidzhan) (in Azerbaidzhan)

1.1.1.1

ENCLOSURE

OTHER

KHASKEL'BERG, I.G., kand. tekhn. nauk; VAYNSHEL'BAUM, D.B., inzh.

Working sand and gravel deposits by using a mobile hydromechanized
device. Sbor. trud. NIIZHelezobetona no.8:95-101 '63
(MIRA 18:1)

KHASKEL'BERG, I.G., inzh.; ZHIVOTOVSKIY, L.S., kand.tekhn.nauk; KARLIN,
B.I., kand.tekhn.nauk

Method of designing pressure hydraulic transportation of sand and
sand-and-gravel materials. Stroi.mat. 7 no.6:32-34 Je '61.
(MIRA 14:7)

(Sand and gravel plants) (Hydraulic conveying)

KHASKEL'BERG, I.G., inzh.

Hydraulic conveying of a mixture of sand and gravel. Sbor. trud.
NIIZHelezobetona no.3:118-123 '60. (MIRA 15:2)
(Sand and gravel plants) (Pipeline transportation of solids)

STEPANOV, I., kandidat tekhnicheskikh nauk; ~~KHASKEL'BERT~~ I., inzhener.

Device for determining the consistency of bottom material in
spoil pipes. Stroimaterial, izdelaniye konstruktsii no. 5:20-22 My '56.
(MLRA 9:8)

(Dredging)

BAYASANOV, D.B. (Baku); ~~KHASKEL'BERG, L.G. (Baku)~~

Remote control of gas pressure at the output of the main compressor
station of a gas pipeline. Avtomatyka 8 no.2:53-63 '63.
(MIRA 16:5)

(Gas, Natural--Pipelines) (Compressors) (Remote control)

KHASKELEVICH, M. G.; VASIL'KOVAN, V. Ya.

Some New Measures in the Treatment of Frost-bite.

Vrachebnoye Delo. 1941, 2, 96-100

KHASKELEVICH, M. G.

USSR/Medicine - Novocain Block

Dec 51

"Novocain Block as an Effective Method of Conservative Treatment for Gastric and Duodenal Ulcers," Docent I. N. Koshnitskiy, M. G. Khaskelovich, Clinic of the Therapeutic Hosp and Surg Hosp, Odessa Med Inst

"Klin Med" Vol XXIX, No 12, p 84

Lumbar novocain block was given to 88 patients of whom 46 suffered from duodenal and 20 from gastric ulcers, 14 from perigastritis and periduodenitis, and 8 from dyspeptic symptoms after resection of the stomach. The block was given

203T77

USSR/Medicine - Novocain Block
(Contd)

Dec 51

bilaterally and each patient received 2-4 blocks. Fifty cases were considerably improved, 20 showed improvement, and in 18 there was no change. Authors deducted that effectiveness of lumbar novocain block depends to a considerable degree upon how carefully and accurately the work is done.

203T77

KHASKELIS, Ye. L.

"Analysis of the Errors in Automatic Regulation of the Transmission Levels of High Frequency Telephone Systems Along Aerial Lines." Sub 19 Jun 47, Moscow Inst of Communication Engineers.

Dissertations presented for degrees in science and engineering in Moscow in 1947

SO: Sum No. 457, 18 Apr 55

KHASKELIS, Ye. L.

"Analysis of Errors in Automatic Regulation of Transmission Levels in High-Frequency Telephone Systems Using Overhead Lines," dissertation, 1947, Avtomatika i Telemekhanika, No 5, 1948.

Moscow Institute of Communications Engineers (MIIS)

KHASKELIS, Ye. L.

AUTHOR: Lushchekin A. and Khaskelis, Ye., Moscow

107-9-27/53

TITLE: The "KBH-49" TV-Receiver Adapted to the "35JK2B" Kinescope
(Televizor "KBH-49" na kinescope "35JK2B")

PERIODICAL: Radio, 1957, # 9, p 40 (USSR)

ABSTRACT: A very simple method is suggested for adapting the TV-receiver to the "35JK2B" kinescope. The operation of the kinescope is adequate with a voltage of 4-5 kilovolts applied to the second anode. The cathode current of the kinescope has, in this case, 100-150 micro-amperes, the clearness is sufficient, and does not exceed the standard value for this kinescope type. The voltage of 300-320 volts taken from the filter-choke of the TV-rectifier is sufficient for feeding the accelerating electrode. The heating, cathode and modulator circuits of the kinescope are not modified. For better picture focusing, it is suitable to keep the magnetic focusing, existing in the "KBH-49" TV-receiver together with the electrostatic focusing, for which the "35JK2B" kinescope is designed. In this way, the picture focusing is extended to the whole screen surface. The damping device can remain unmodified, but much better results are obtained, if this damping device is changed according to the diagrams shown in the "Radio", # 7, 1956. Some details are given

Card 1/2

APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721910009

The "KBH-49" TV-Receiver Adapted to the "35JK2B" Kinescope

about the mounting of the kinescope. It is advisable to replace the loudspeaker of the TV-receiver by an elliptic one or to remove it to the lateral wall of the cabinet. In order to improve the picture quality, it is recommended to replace the "5U3C" kenotron by two "5U4C" kenotrons, connected in parallel. The "5U3C" kenotron can also be replaced by germanium rectifiers "ДГ-Ц26" or "ДГ-Ц27", which are to be connected together with shunting resistors of 80-100 kilo-ohms each, three diodes connected in series in each arm.

The article contains 1 Russian reference.

AVAILABLE: Library of Congress

Card 2/2

S/196/62/000/014/030/046
E194/E155

AUTHORS: Alekseyeva, K.V., Vinogradova, N.P., and Khaskelis, Ye.L

TITLE: Chromatographic analysis of C₅ hydrocarbons in complicated mixtures

PERIODICAL: Referativnyy zhurnal, Elektrotekhnika i energetika, no.14, 1962, 8, abstract 14 G 45. (Novosti نفت. i gaz. tokhn. Gaz. delo, no.11, 1961, 36-40).

TEXT: A chromatograph is described and illustrated; it was used to analyse mixtures of hydrocarbons. The best separation of C₅ hydrocarbons was obtained on a column filled with fire-brick impregnated with a complex ester of tri-ethylene-glycol and n-oleic acid. The most effective separation is obtained with a solid- to liquid-phase ratio of 100:15. The chromatograph can rapidly determine the composition of mixtures of C₂-C₅ hydrocarbons and is stable in operation.
5 references.

Card 1/1 [Abstractor's note: Complete translation.]

CO *KHASKES, I. Z.* *18*

The distribution of moisture in ammonium nitrate. I. Z. Khaskes. *J. Applied Chem. (U. S. S. R.)* 8, 1344-53 (1955) 1353. —Moisture absorbed from any source by NH_4NO_3 drains slowly into the lower layers, except for 1% which is retained at the surface layer. When the NH_4NO_3 is placed on a moist surface, moisture rises only 120-50 mm. into the mass. H. M. L.

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

KHASKES, I.Z.; YERSHOV, P.R., redaktor; TROFIMOV, A.V. tekhnicheskiy
redaktor.

[Petroleum workers' guide] Sputnik neftianika. Izd.2-e, ispr.
1 dop. Moskva, Gos. nauchn.-tekhn. izd-vo neftianoi i gorno-
toplivnoi lit-ry, 1951. 288 p. (MLRA 7:12)

(Petroleum industry--Tables, calculations, etc.)

Khaskhachikh, G. D.

Khaskhachikh, G. D., Investigation of the mechanism of breaking of waves on an impenetrable slope, Dissertation for degree of Candidate of Technical Sciences, Moscow Construction Engineering Institute, Moscow, 1958; (RZMekh 9/58-9890)

KRASOV, N.V., inzh.; KHASKHACHIKH, G.D., kand.tekhn.nauk

Underwater assembly of precast slip ways on shell piles. Transp.
stroi. 12 no.3:26-30 Mr '62. (MIRA 16:11)

KHASKHACHIKH, G.D., inzhener.

Mechanism of breaking down wind-formed waves on a sloping wall.
Gidr.stroi. 26 no.6:33-38 Je '57. (MLRA 10:7)
(Waves)

KHASKHACHIKH, G. D., Cand Tech Sci -- (diss) "Study of the mechanism of ^{the} ~~wave-breaking~~ ^{breaking of waves} on an impermeable bank." Mos, 1958. 13 pp with ^{diagrams} ~~charts~~

(Min of Higher Education USSR, Mos Order of ~~Lenin~~ Labor Red Banner Engineering-Construction Inst im V. V. Kuybyshev), 120 copies (KL, 18-58, 100)

124-58-9-9890D

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 59 (USSR)

AUTHOR: Khaskhachikh, G. D.

TITLE: Investigation of the Mechanism of the Breaking of Waves on an Impervious Sloping Embankment (Issledovaniye mekhanizma razbivaniya voln na nepronitsayemom otkose)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Mosk. inzh. -stroit.in-t (Moscow Institute of Structural Engineering), Moscow, 1958

ASSOCIATION: Mosk. inzh. -stroit. in-t (Moscow Institute of Structural Engineering), Moscow

1. Ocean waves--Analysis
2. Ocean waves--Geophysical effects

Card 1/1

KHASKHACHIKH, G.D., kand. tekhn. nauk; IVANOV, K.K., inzh.; VANDRAGOV, G.M.,
inzh.

Study of new types of enclosing structures. Transp. stroi. 14
no.10:43-47 O '64. (MIRA 18:2)

KHASKHACHIKH, L.P.; SOKOLOV, B.A.; GENKIN, Ye.M.; SEVAST'YANOV,
V.I., glav. red.; KUZNETSOV, A.Ya., zam. glav. red.;
MIKHAYLOV, A.V., doktor tekhn. nauk, zam. glav. red.;
ABRAMOV, Yu.S., red.; IVANOV, M.A., red.; PETROV, G.D.,
doktor tekhn. nauk, red.; CHEMIN, A.N., red.

[Volga Hydroelectric Power Station (22d Congress of the
CPSU); album of engineering drawing] Volzhskaya gidroelektro-
stantsiya im. XXII s'ezda KPSS; al'bom chertezhei. Moskva,
Gosenergoizdat. Pt.2. [Organization and the carrying out of
installation and construction operations] Organizatsiya i
proizvodstvo stroitel'no-montazhnykh rabot. 1963. 74 p.

(MIRA 16:11)

1. Moscow. Vsesoyuznyy proyektno-izyskatel'skiy i nauchno-
issledovatel'skiy institut "Gidroyekt" im. I.Ya.Zhuk.
(Volga Hydroelectric Power Station(22d Congress of the CPSU)

OREL'YANKUK, N.S., inzh.; KILASKIN, A., inzh.

Practices in the planning of industrial units in White Russia.
From. stroi. 42 no.9:2-4 S '64. (MIRA 17:10)

1. Delpromproyekt.

KHASKIN, Abram Mikhaylovich; VOYEVODSKIY, Sergey Alekseyevich;
KRASHNITS, Zyama Yakovlevich; KROLEVETS, M.S., kand.
tekhn. nauk, retsenzent; UMANOV, I.I., inzh.,
retsenzent; ALENICHEVA, Ye.A., inzh., retsenzent;
PUCHKO, N.F., inzh., retsenzent; KUTSEVOL, A.I., inzh.,
retsenzent; LEUTA, V.I., inzhener, retsenzent;
KRAVETS, V.I., inzhener, red.-izd-va; SYRODUB, T.A.,
tekhn. red.

[Drawing course for technical correspondence schools]
Kurs chercheniia dlia zaochnykh tekhnikumov. Kiev, Gos-
tekhizdat USSR. Pt.1. 1963. 271 p. (MIRA 16:12)
(Geometrical drawing--Instruction)

VOYEVODSKIY, Sergey Alekseyevich, inzh.; KHASKIN, Abram
Mikhaylovich, inzh.; KRASHITS, Zyuma Yakovlevich, inzh.;
ALENICHEVA, Ye.A., inzh., retsenzent; ZHAVORONKOVA, N.N.,
inzh., retsenzent; KYUN, S.A., kand. tekhn. nauk,
retsenzent; PUCHKO, N.F., inzh., retsenzent; UMANOV, I.I.,
inzh., retsenzent; LEUTA, V.I., inzh., retsenzent

[Course in mechanical drawing for correspondence technical
schools] Kurs chercheniia dlia zaochnykh tekhnikumov. Kiev,
Tekhnika. Pt.2. 1965. 319 p. (MIRA 18:8)

ACC NR: AP6025589 SOURCE CODE: UR/0413/66/000/013/0020/0020

INVENTOR: Mel'nikov, N. N.; Khaskin, B. A.; Stonov, L. D.; Bakumenko, L. A.; Usacheva, N. M.

ORG: none

TITLE: Preparation of phosphates, thiophosphates, and N-alkylbipyridylium dithiophosphates. Class 12, No. 183206. [announced by the All-Union Scientific Research Institute of Chemical for Plant Protection (Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy)]
Means

SOURCE: Izobreteniya, promyshlennyya obraztzy, tovarnyye znaki, no. 13, 1966, 20

TOPIC TAGS: herbicide, alkylidipyridylium dithiophosphate, alkyl aryl... phosphate, alkyl aryl thiophosphate, *phosphate*

ABSTRACT:

Total or specific action herbicides, N-alkylbipyridylium dithiophosphates, phosphates, thiophosphates, of the general formula:



Card 1/2

UEC: 547.828'118.5.07 547.828'122'118.5.07

ACC NR: AP6025589

(where R is a substituted or unsubstituted alkyl or benzyl; R' is substituted or unsubstituted alkyl or aryl; R'' is substituted or unsubstituted alkyl, aryl, or an ester group; X = O or S) are obtained by the reaction of 4,4-bipyridyl with aryl and alkyl derivatives of phosphoric, thiophosphoric, and dithiophosphoric acids. [W.A. 50; CBE No. 10]

SUB CODE: 07, P6 / SUBM DATE: 14 Aug 65 / TO PRESS

Card 2/2

ACC NR: AP6025589 APPROVED FOR RELEASE: 09/17/2001 SOURCE CODE: UR/6413/55/000/020/0035/0035 CIA-RDP86-00513R000721910009

INVENTOR: Mel'nikov, N. N.; Khaskin, B. A.; Petruchenko, N. B.

ORG: none

TITLE: Preparation of dialkylaminotrialkylphosphonium thiophosphates. Class 12, No. 187011 [announced by All-Union Scientific Research Institute of Chemicals for Plant Protection (Vsesoyuznyy nauchno-issledovatel'skiy institut khimicheskikh sredstv zashchity rasteniy)]

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 35

TOPIC TAGS: ~~organic~~ phosphorus compound, ~~tri~~phosphoric acid, ester, amino ester

ABSTRACT: To obtain physiologically active compounds, dialkylamino-trialkylphosphonium thiophosphates, dialkylamidodialkylphosphines are treated with thiophosphoric esters.

[PS]
[WA-50; CBE No. 14]

SUB CODE: 07 / SUBM DATE: 25 Dec 65

UDC: 547.26:118.07

NAUMENKO, P.V., inzh.; KHASKIN, B.A., inzh.

Synthesis of some cation-exchanging surface active products.
Masl.-zhir.prom. 25 no.1:33-35 '59. (MIRA 12:1)

1. Gosudarstvennyy nauchno-tekhnicheskiy komitet RSFSR (for Naumenko).
2. Moskovskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Khaskin)
(Surface active agents) (Ammonium salts)

L 31814-66 ENT(1)/T RO/JK
ACC NR: AP6021673 SOURCE CODE: UR/0079/66/036/003/0453/0457

AUTHOR: Mel'nikov, N. N.; Khaskin, B. A.; Yelepina, L. T.

ORG: none

TITLE: Organic insectofungicides. ⁶⁰XCIII. Reaction of esters of phosphoric acid with higher aliphatic amines

SOURCE: Zhurnal obshchey khimii, v. 36, no. 3, 1966, 453-457

TOPIC TAGS: insecticide, fungicide, phosphoric acid, ester, amine, chemical synthesis, ammonium salt, bactericide, nonmetallic organic derivative

ABSTRACT: The reaction of phosphoric acid esters with higher aliphatic amines and diamines was used to synthesize 16 substituted ammonium salts, which have not been described in the literature. The herbicidal and germistatic action of the synthesized compounds was studied on a large number of different microorganisms. The compounds obtained were found to possess high, broad-spectrum microbiological activity. In concentrations of 1.25.10⁻² to 1.10⁻⁴%, they were active against Staphylococcus, Streptococcus, and coli, typhoid fever, dysentery, diphtheria, pyocyanic, and spore-bearing bacteria. The bactericidal activity of phosphoric acid derivatives is two to three times higher than that of N-substituted ammonium dialkyldithio-

Card 1/2

UDC: 661.718:632.95

L 31814-66

ACC NR: AP6021673

"APPROVED FOR RELEASE: 09/17/2001

CIA-RDP86-00513R000721910009

phosphates, while the fungicidal activity of the phosphates is two to three times lower than the activity of the corresponding dithiophosphoric acid derivatives. The research on fungus activity was done by N. M. Golyshin, M. F. Zuboy, and N. C. Ukrainets. The statistics on bacteria activity were done by G.N. Porshin and S. N. Milovanova. Orig. art. has: 2 tablos. [JPRS]

SUB CODE: 07, 06 / SUBM DATE: 11Feb65 / ORIG REF: 008 / OTH REF: 001

Card 2/2 LS

MEL'NIKOV, N.N.; KHASKIN, B.A.; SHVETSOVA-SHILOVSKAYA, K.D.

Organic insectofungicides. Part 70: Problem of thione-thiol isomerization of some esters of phosphorothioic and phosphorodithioic acids on their reaction with amines. Zhur. ob. khim. 33 no.8:2456-2461 Ag '63. (MIRA 16:11)

1. Nauchnyy institut po udobreniyam i insektofungitsidam.

MEL'NIKOV, N.N.; KHASKIN, B.A.; VASIL'YEV, A.F.; SHVETSOVA-SHILOVSKAYA, K.D.

Organic insectofungicides. Part 72: Mechanism of thion-thiol isomerization of N-substituted ammonium thio- and dithiophosphates. Zhur.ob. khim. 34 no.1:40-44 Ja '64. (MIRA 17:3)

MEL'NIKOV, N.N.; KHASKIN, B.A.; SHVETSOVA-SHILOVSKAYA, K.D.

Organic insecticides-fungicides. Part 65: Reactions of thiophosphoric and dithiophosphoric esters with primary amines. Zhur.ob.khim. 32 no.6:1836-1838 Je '62. (MIRA 15:6)

1. Nauchnyy institut po udobreniyam i insekto-fungitsidam im. Ya.V.Samoylova, Moskva.
(Phosphorothioic acid) (Phosphorodithioic acid)
(Insecticides)

MEL'NIKOV, N.N.; KHASKIN, B.A.; SHVETSOVA-SHILOVSKAYA, K.D.

Organic insectofungicides. Part 60: Reactions between thio- and dithiophosphoric acids and secondary amines. Zhur. ob. khim. 31 (MIRA 14:11)
no. 11:3605-3610 N '61.

1. Nauchnyy institut po udobreniyam i insektofungitsidam.
(Phosphorothioic acid) (Phosphorodithioic acid)
(Amines)

MEL'NIKOV, N.N.; KHASKIN, B.A.; SHVETSOVA-SHILOVSKAYA, K.D.; PERSHIN, G.N.;
MILOVANOVA, S.N.

Organic insecticides-fungicides. Part 67: Interaction of thio-
and dithiophosphoric acid esters with higher aliphatic amines and
fungicide and bactericide activity of reaction products. Zhur.-
ob.khim. 32 no.9:2818-2863 S '62. (MIRA 15:9)

1. Nauchnyy institut po udobreniyam i insektofungitsidam imeni
prof. Ya.V. Samoylova (Moskva).
(Phosphorothioic acid) (Amines) (Fungicides)
(Bactericides)

VASIL'YEV, A.F.; KHASKIN, B.A.

Integral intensities of stretching vibration bands of
alkyl .. O .. (P) in the infrared spectra of some thio-or-
ganophosphorus compounds. Infrared spectra and structure of
bis(alkoxythiophosphono)disulfides of bis(N-trialkyl- and
N-dialkylammonium). Zhur. ob. khim. 34 no.7:2322-2328 J1 '64
(MIRA 17:8)

COMMON ELEMENTS		PROCESSES AND PROPERTIES INDEX	
<p>1218</p> <p>ISOTOPE EXCHANGE OF HYDROGEN IN HYDROGEN-SILICON BONDS. A. I. Brodskiy and I. G. Khaskin. Doklady Akad. Nauk S.S.S.R. 74, 288-301 (1950) Sept. 11. (In Russian)</p> <p>It is known that in groups C-H hydrogen-isotope exchanges are very slow, if not altogether absent. One of the co-authors (Brodskiy, <u>Izv. Akad. Nauk S.S.S.R., Otdel. Khim. Nauk</u>, No. 1, 3 (1949)) explained this by the absence in the foregoing carbon atom of free electron pairs which would ensure the addition of D before the bond C-H was severed. Observations on analogous bonds N-H and B-H, reported in literature, confirm these views. Since the same structural situation exists in Si-H, a similar quasi-absence of hydrogen-isotope exchanges is to be expected. This was established in a series of equilibrium experiments between D_2O (or C_2H_5OD) and $HSi(C_2H_5)_3$, $HSi(C_2H_5)_2$, and $HSi(OC_2H_5)_3$, under various conditions and in the presence or absence of catalysts.</p>		<p>3</p>	
<p>ASAC-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>			